



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 17, 2014

Mr. James J. McFadden, Ph.D.
Regulatory Project Manager
Farnam Companies, Inc.
301 W. Osborn Road
Phoenix, AZ 85013-3921

**Subject: Acceptance of Amended Master Labeling; Combination of SAL Dated November 22, 2011 & Pre-Reregistration Labeling Review SAL Dated July 24, 2012
Farnam X-5294-98, EPA Reg. No. 270-329
Your E-Submission Dated June 27, 2014 & E-Resubmission Dated July 16, 2014**

Dear Mr. McFadden:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable.

A copy of your amended master label stamped "Accepted" is enclosed for your records. If you have any questions about this label review, please contact Mr. Carmen J. Rodia, Jr. at (703) 306-0327 or via e-mail at Rodia.Carmen@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Richard J. Gebken".

Richard Gebken
Product Manager 10
Insecticide Branch
Office of Pesticide Programs
Date: July 17, 2014

Enclosure: *Amended Master Label Stamped "Accepted," dated July 17, 2014*
000270-00329 D480074 & D492693

ACCEPTED

07/17/2014

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 270-329

Farnam X-5294-98

Insecticide & Repellent

For Use on Dogs, Horses, Ponies, Foals, Horse Barns and Stables

Water-Based

Kills Six Fly Species, Ticks, Gnats, and Fleas
Repels Mosquitoes

ACTIVE INGREDIENTS:

Prallethrin* 0.033%
Permethrin** 0.100%
Piperonyl Butoxide*** 0.500%

OTHER INGREDIENTS: 99.367%

TOTAL.....100.000%

* (R5)-2-Methyl-4-oxo-3-(2-propynyl)cyclopent-2-enyl (1R)-cis, trans chrysanthemate

** (3-phenoxyphenyl) methyl (+/-) cis/trans 3- (2,2 dichloroethenyl) 2, 2-dimethyl cyclopropane carboxylate; cis/trans
ration: min. 35% (+/-) cis and max 65% (+/-) trans

*** (butyl carbityl) (6-propylpiperonyl) ether and related compounds.

ETOC is a registered trademark of Sumitomo Chemical Company, Limited

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured for:

Farnam Companies, Inc.

P. O. Box 34820

Phoenix, AZ 85067-4820

EPA Reg. No. 270-329

EPA Est.No. _____

NET CONTENTS: _____

270-329

Page 1 of 11

Rev 07-14

READ ENTIRE LABEL BEFORE EACH USE
USE ONLY ON HORSES, PONIES, FOALS, DOGS AND PUPPIES
THIS PRODUCT IS NOT FOR USE ON CATS AND KITTENS, OR HORSES
INTENDED FOR SLAUGHTER

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

USE RESTRICTIONS

For use as a surface spray:

- Except when applying to horses, ponies and foals, do not enter or allow others to enter until sprays have dried.
- Except when applying to horses, ponies and foals, do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For use as a space spray or fog:

- Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.
- Do not apply when food or feed is present.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

For outdoor applications:

- Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications, only.
- Not for use in outdoor residential misting systems or metered release systems.
- Do not make applications during rain.
- Do not water the treated area to the point of run-off.

COMMERCIAL USE LABEL

For Horses Use Full Strength. This non-oily insecticide repellent may be applied with a trigger spray applicator, or as a wipe. Kills stable flies, horse flies, face flies, deer flies, house flies, horn flies, gnats, ticks, fleas, chiggers, and lice, and repels mosquitoes. Not for use on horses intended for slaughter. All handlers must wear long sleeved shirt and long pants, socks and shoes. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety Recommendations

- User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- User should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

DIRECTIONS FOR TRIGGER SPRAY USE: Remove excess dirt and dust. Apply light spray mist to coat while brushing lightly against lay of the hair. Avoid spray in eyes and mucous membranes. Apply with sponge or cloth to those areas.

DIRECTIONS FOR WIPE-ON USE: Thoroughly brush horse to remove excess dirt and dust. Extremely dirty horses should be shampooed, rinsed, and allowed to dry before applying wipe. Use a sponge or clean soft cloth or mitt. Apply liberally over areas to be protected. Pay special attention to legs, belly, shoulders, neck, and facial areas. Avoid eyes and mucous membranes.

TO KILL FLYING INSECTS AND REPEL MOSQUITOES IN HORSE QUARTERS: Use this product in horse barns and stables to kill stable flies, horse flies, face flies, deer flies, house flies, horn flies, gnats, ticks (including Deer Ticks), fleas, chiggers, and lice, and to repel mosquitoes. Apply undiluted as either a surface spray or space spray (fog).

Surface Spraying: Use a good sprayer adjusted to deliver a coarse wet spray. Apply as a coarse wet spray using 1 pint per 1,000 square feet. Direct the spray wherever flies congregate or alight, until surfaces are moistened. Treat around doorways,

feed storage rooms, alleyways and windowsills. Spray around outside of door facings and screens to render area unattractive to insects. This helps to repel insects and prevent entrance into building. Remove pets, birds, and cover aquariums before spraying. Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use. All outdoor applications to building must be limited to spot or crack-and-crevice treatments only, except for applications to building foundations, up to a maximum height of 3 feet.

Space Spraying: Remove horses prior to application. Before application, close doors, windows and other openings and shut off ventilating systems to reduce air movement as much as possible. Apply with a good machine adjusted to deliver a fine mist or fog. Direct spray at an upward angle, distributing it uniformly throughout the entire area at a rate of 2 fluid ounces per 1,000 cubic feet (10 ft x 10 ft x 10 ft). Apply by directing spray toward ceiling and corners until the space is filled with mist. For best results, keep doors and windows closed, when possible, for 10 minutes during spraying and after application. Applicator must not remain in treated area. After the 10 minute treatment period, the area should be opened and thoroughly ventilated prior to reoccupation by humans or animals.

Do not use where livestock (other than horses) are housed or fed, or where livestock feeds are stored. Do not contaminate water, feed or foodstuffs, milk or milking utensils. Do not repeat treatment more than once every day.

FLEAS AND MOSQUITOES ON DOGS: Start spraying at the animal's head, avoiding the eyes and mouth as you spray. Make sure the animal's entire body is covered including the legs, underbody and tail. While spraying, fluff the hair so that the spray will penetrate to the skin. Make sure spray wets thoroughly, but do not saturate dog. Do not allow dog to become chilled. Avoid contact with genitalia. Reapply every 7-9 days.

PET AREAS: To kill Fleas and repel Mosquitoes in areas where dogs rest: Thoroughly spray infested areas, dog beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and local areas of floor and floor covering. Place fresh bedding in animal's quarters following treatment. Treat dog in conjunction with premise treatment. Reapply every day. Do not use on cat bedding.

TO KILL FLYING INSECTS AND REPEL MOSQUITOES IN ANIMAL QUARTERS: Spray in areas where insects congregate. Direct spray to contact insects for rapid knockdown and kill. Spray around outside of door facings and screens to render area unattractive to insects. This helps to repel insects and prevent entrance into building.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION

HAZARDS TO HUMANS: Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. **Wear long sleeved shirt and long pants, socks and shoes.** Wash hands thoroughly with soap and water promptly after use **and before eating, drinking, chewing gum, using tobacco, or using the toilet.**

HAZARDS TO DOMESTIC ANIMALS: Avoid contact with eyes, or mucous membranes. Avoid treatment of foals under 6 weeks of age unless prescribed by a veterinarian. . Do not use on puppies under three months of age. Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing animals. **DO NOT USE ON CATS.** Sensitization may occur after using any pesticide product for pets. If signs of sensitivity occur, bathe your dog with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice • Have a person sip a glass of water if able to swallow • Do not induce vomiting unless told to do so by a poison control center or doctor • Do not give anything by mouth to an unconscious person
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-234-2269, twenty-four (24) hours per day, seven (7) days per week.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off treatment area. This pesticide is extremely toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry (preferably locked) area that is inaccessible to children and pets and away from heat, sparks, or open flames.

PESTICIDE DISPOSAL AND CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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USE RESTRICTIONS

For use as a surface spray:

- Except when applying to horses, ponies and foals, do not enter or allow others to enter until sprays have dried.
- Do not apply this product in a way that will contact adults, children or pets, either directly or through drift.

For use as a space spray or fog:

- Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.
- Do not apply this product in a way that will contact adults, children, or pets to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.
- Do not apply when food or feed is present.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

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